ABSTRACT

A control system for a variable-geometry turbocharger includes a supervisor logic (12) selecting a pulse control output (24) for large variation of desired and

5   previous control signal inputs exceeding a threshold differential and a normal control signal (26) for small control signal input changes. The control system calculates an amplitude and duration for the pulse control output based on input control signal variation or the actual versus desired position of the variable-geometry system in the turbocharger.

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